

U.S.S.N. 09/768,155
Filed: January 23, 2001
AMENDMENT AND RESPONSE TO OFFICE ACTION

In the Claims

- C1
1. (amended) A method for treating a lupus patient characterized by the presence of anti-dsDNA antibodies comprising administering to the patient single chain anti-idiotypic antibody fragments immunoreactive with anti-dsDNA antibodies, wherein the antibody fragments prevent the anti-dsDNA antibodies from interfering with protein synthesis.
 2. (amended) The method of claim 1 wherein the antibody fragments are derived from human antibodies.
 3. (amended) The method of claim 1 wherein the antibody fragments are conjugated to a carrier molecule or is a fusion protein.
 4. cancelled.
 5. (amended) The method of claim 1 wherein the antibody fragment is derived from an anti-idiotypic antibody immunoreactive with anti-dsDNA antibody.
 6. (original) The method of claim 5 wherein the antibody is administered in a dosage effective to kill anti-dsDNA antibody producing cells.
 7. (original) The method of claim 5 wherein the antibody is administered in a dosage effective to decrease the amount of anti-dsDNA antibody levels in the patient.
 8. (currently amended) A therapeutic composition in a pharmaceutically acceptable carrier for administration to a human patient having anti-dsDNA antibodies comprising an ~~effective amount of~~ single chain anti-idiotypic antibody fragments immunoreactive with anti-

U.S.S.N. 09/768,155

Filed: January 23, 2001

AMENDMENT AND RESPONSE TO OFFICE ACTION

dsDNA human antibodies isolated from SLE patients, ~~wherein the antibody fragments prevent the anti-dsDNA antibodies from interfering with protein synthesis.~~

9. (twice amended) The composition of claim 8 wherein the anti-idiotypic antibody fragments are derived from human antibody.

10. (twice amended) The composition of claim 8 wherein the anti-idiotypic antibody fragments are conjugated to a carrier molecule or is a fusion protein.

11. (cancelled)

12. (twice amended) The composition of claim 8 wherein the composition is comprises an anti-idiotypic antibody fragment derived from an anti-idiotypic antibody immunoreactive with anti-dsDNA antibody.

13. (amended) The composition of claim 12 wherein the anti-idiotypic antibody is administered in a dosage effective to kill anti-dsDNA antibody producing cells.

14. (amended) The composition of claim 12 wherein the anti-idiotypic antibody is administered in a dosage effective to decrease the amount of anti-dsDNA antibody levels in the patient.

15. (new) The composition of claim 8 wherein the anti-idiotypic antibody is a single-chain Fv fragment.